

FIG. 2A

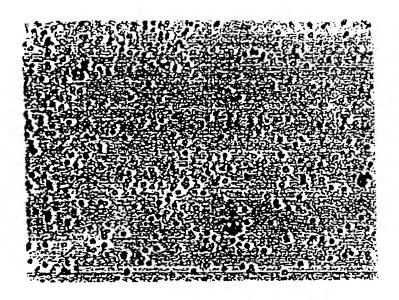


FIG. 2B

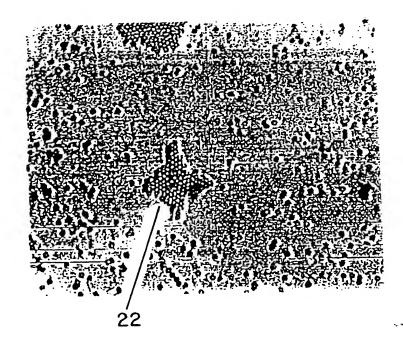


FIG. 2C

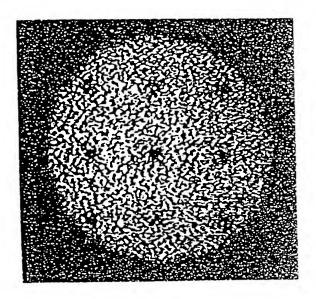
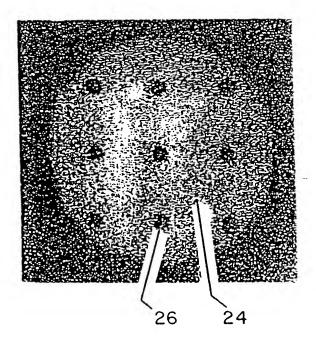
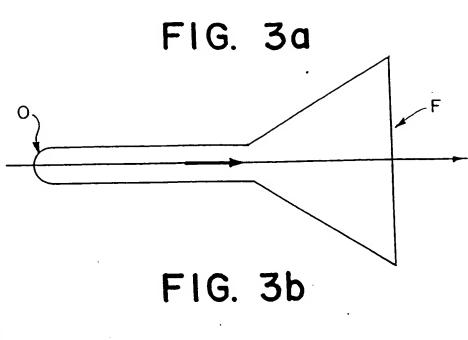
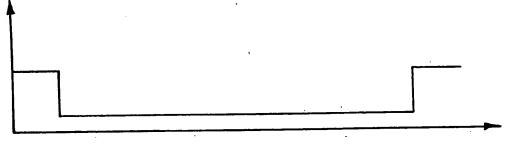


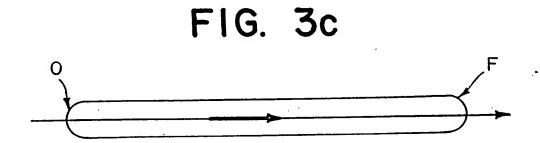
FIG. 2D





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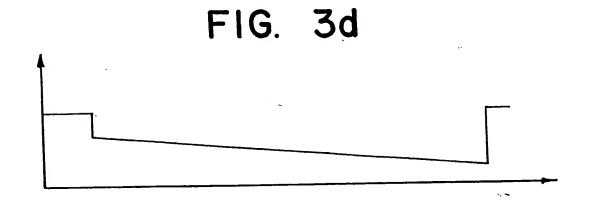


FIG. 3C

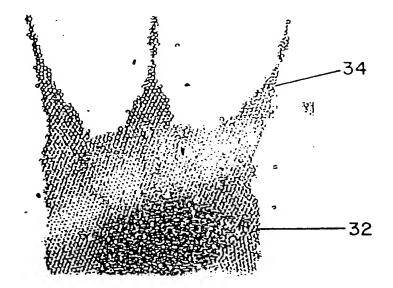


FIG. 3D

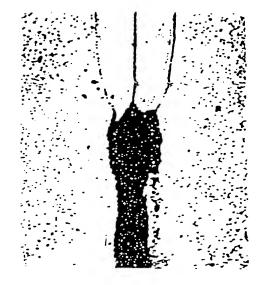


FIG. 4A

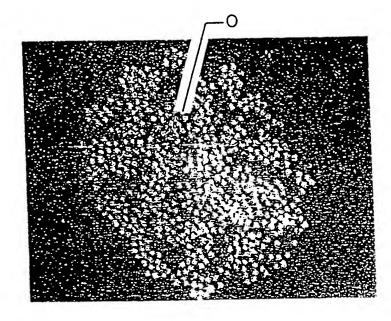


FIG. 4B

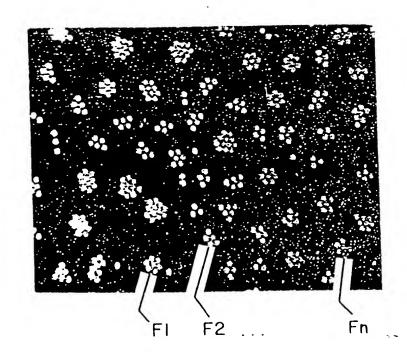
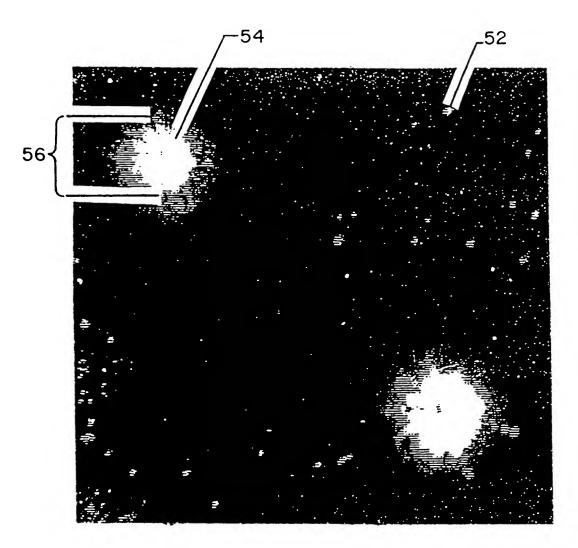


FIG. 5

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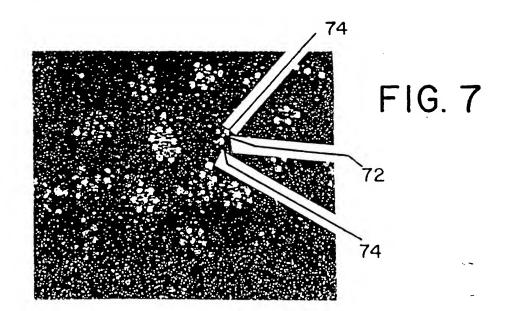


FIG. 6a

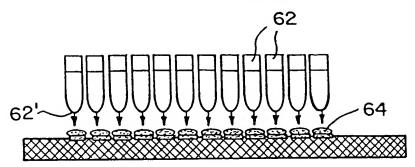
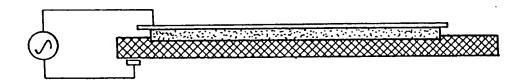
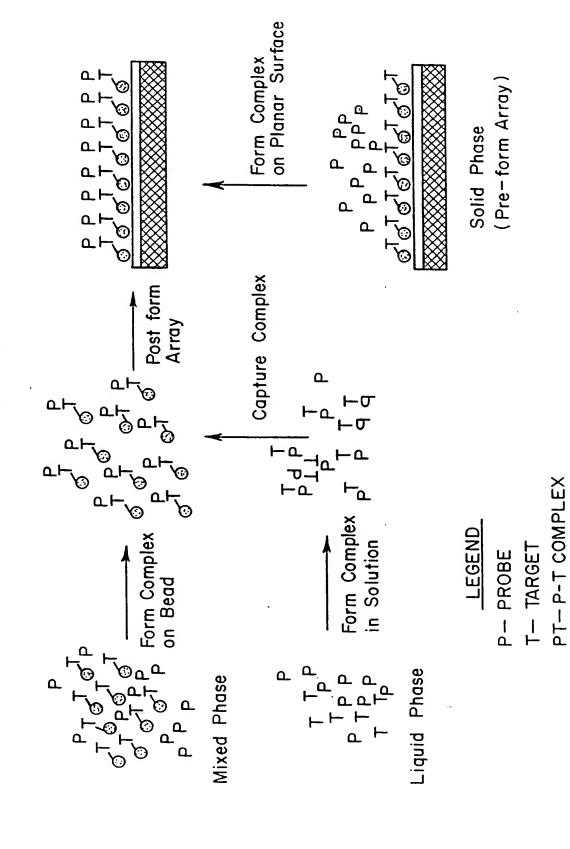


FIG. 6b



FIG. 6c





L __ b

Transverse Flow 363 Flow along Conduit ල . O တ စ **O**OO 0 ග ඉම ග 0 0 ල O 0 0 0 0 0 0 0 0 0 0 0 0 0 0 30°0 0 (9) (0) (3) (3) ® M 0 0 0 0 **O** 0 0 0,

Z _1

FIG. 9b

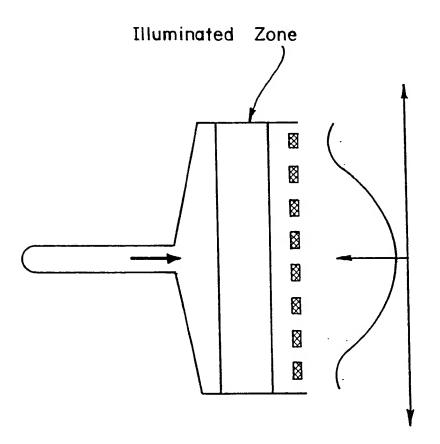
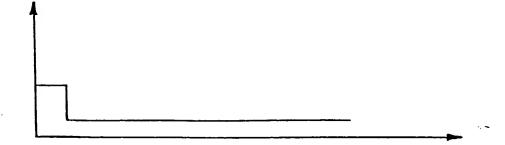


FIG. 9c



£ ...

FIG. IIa

FIG. 11b

£ ..

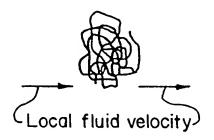
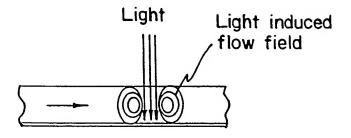
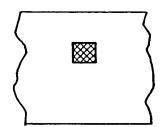
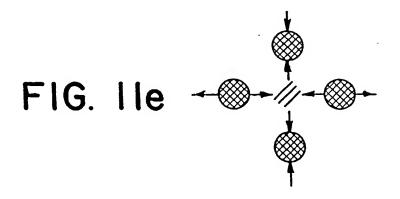


FIG. IIc

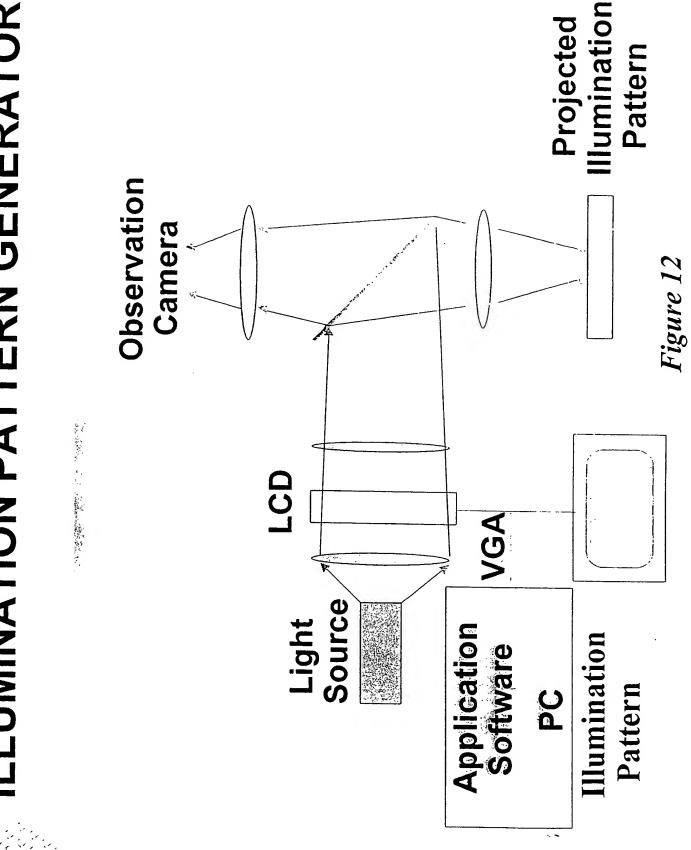
FIG. 11d







ILLUMINATION PATTERN GENERATOR



LCD-PARSE OPTICAL DESIGN

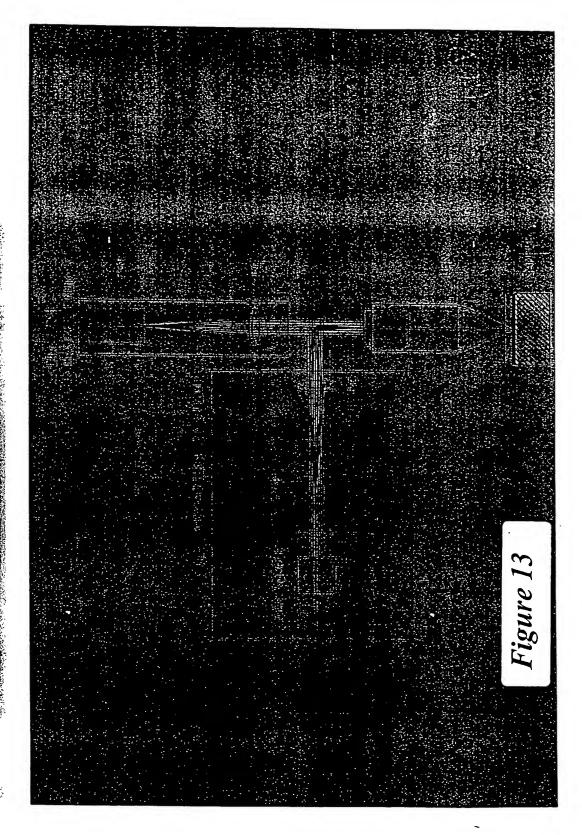




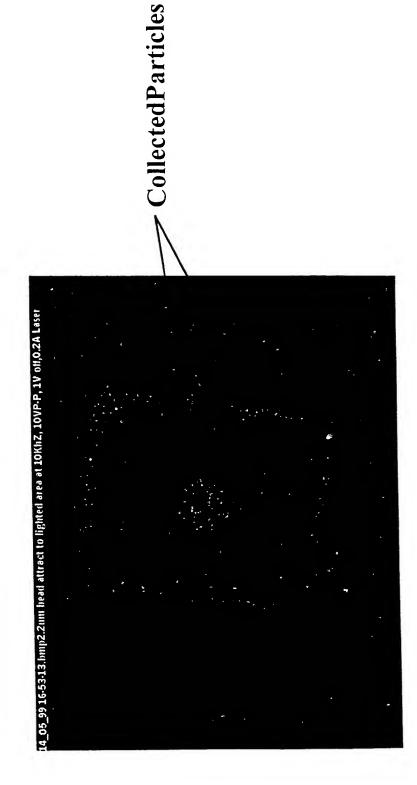
Figure 14c Figure 14d ARRAY SHAPE ADJUSTMENTS HORIZONTAL. LINE CIRCLE Figure 14b Figure 14a

SQUARE

VERTICAL LINE

COLLECTION AND ARRAY ASSEMBLY

THE REPORT OF THE PROPERTY OF



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Figure 15a

EXPULSION AND CONFINEMENT

1975年の代表の日本語は「世代を大きないないないないない。 日本語のは、日本語の

Illuminated Regions Confined Particles "Ghost" Image 14_05_99 16-54-05.bmp2.2nm bead Rejected from lighted area at 10KhZ, 10VP-P, 1V off,0.25 A Laser

Figure 15b

DRAG AND DROP

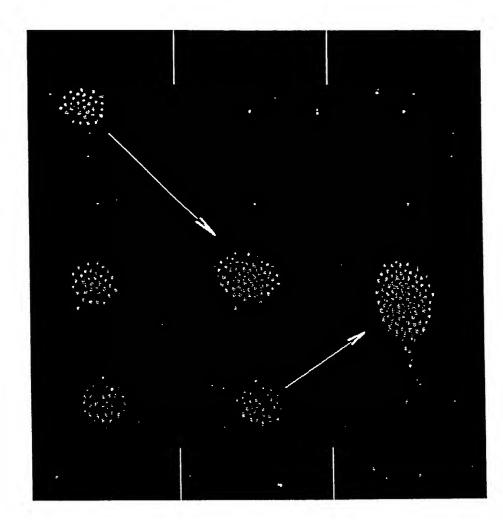


Figure 16

Programmable Array Reconfiguration and Segmentation

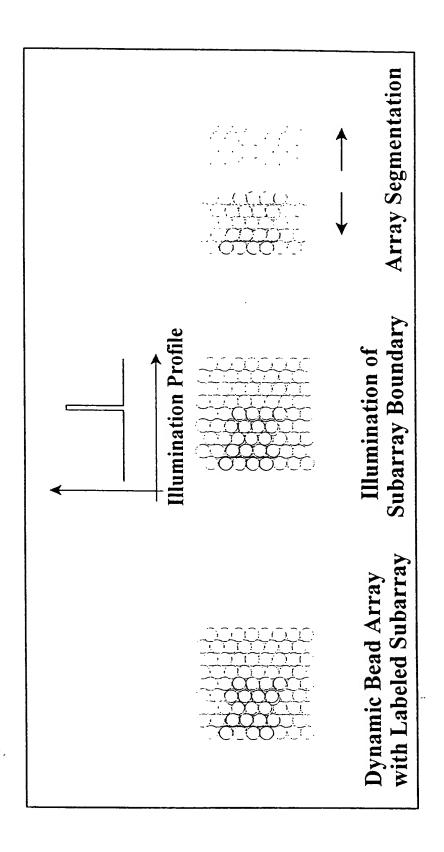


Figure 17

4 .

LCD PARSE

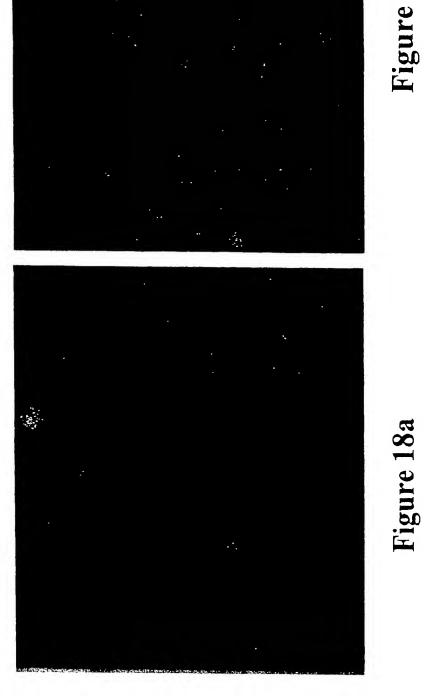


Figure 18b

LCD PARSE

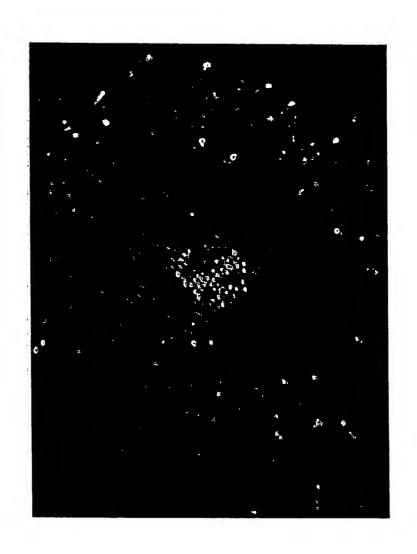
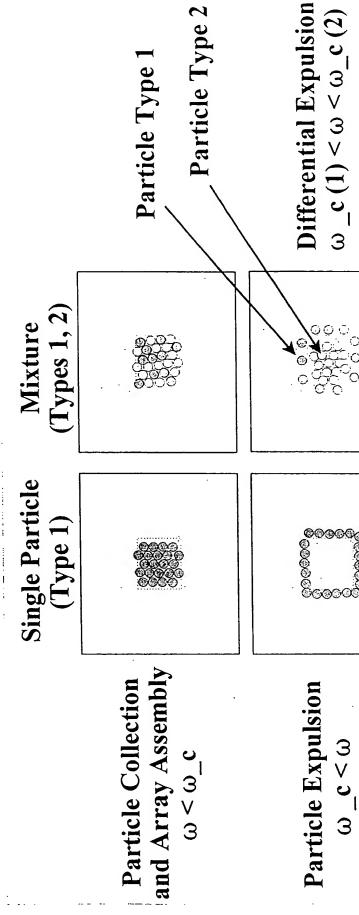


Figure 19

FRACTIONATION

Differential Frequency Dependence of Particle Expulsion (NOTE: ω_c denotes a characeristic frequency)



್ಲಿಂದ್ದಿ ನಿರ್ಣಾತ್ರಿ ನಿರ್ಣಾತ್ರಿ ನಿರ್ಣಾತ್ರಿ ನಿರ್ಣಾತ್ರಿ ನಿರ್ಣಾಶ್ರಿ ನಿರ್ಣಾತ್ರಿ ನಿರ್ಣಾತ್ರಿ

Figure 20a

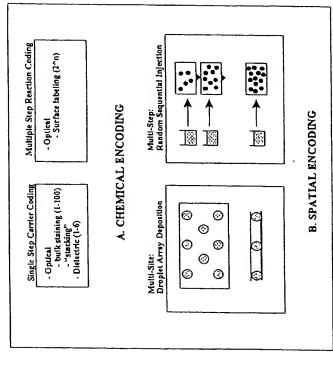
FRACTIONATION

The second secon

illuminated rgion Large particles expelled from illuminated rgion Illuminated Small particles Region collected in

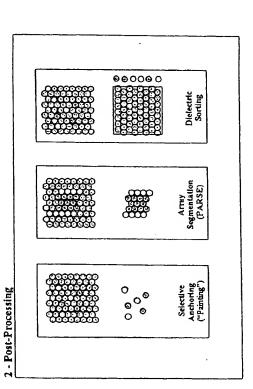
Figure 20b

Encoding Methodologies

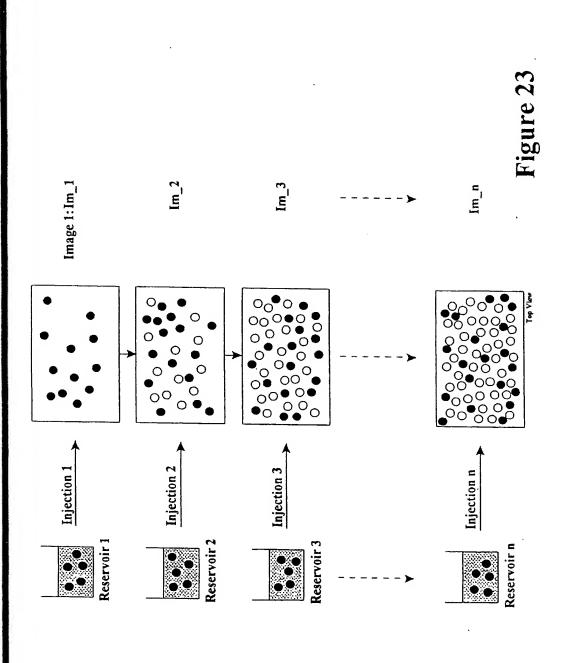


1 - Pre-Processing

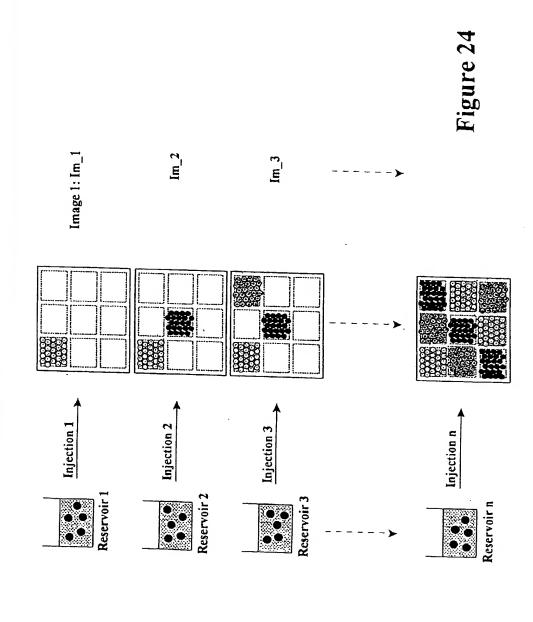
Figure 22a



RANDOM SEQUENTIAL INJECTION



LIGHT-CONTROLLED ARRAY PLACEMENT SEQUENTIAL INJECTION &



MACRO-TO-MICRO TANSITION

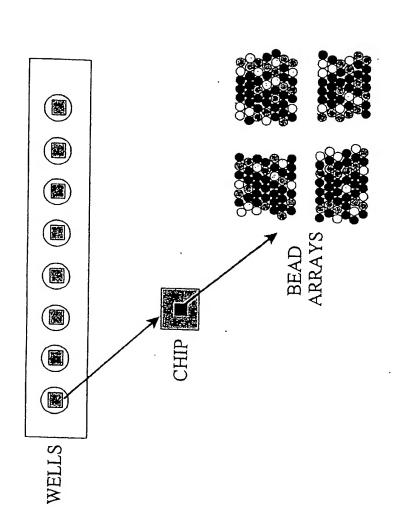


Figure 25a

ARRAY ENCODING

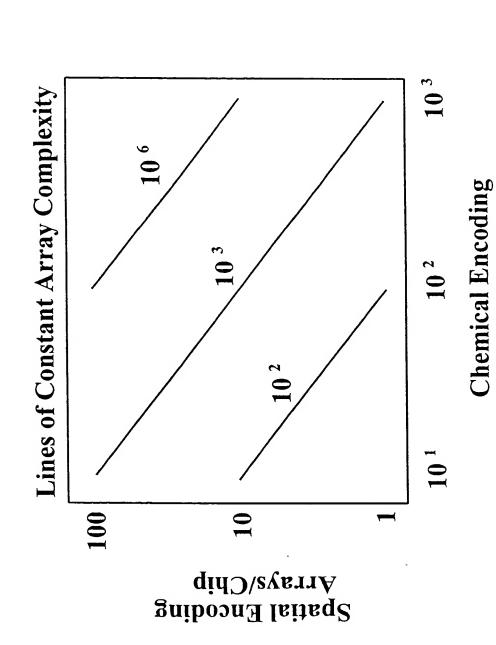
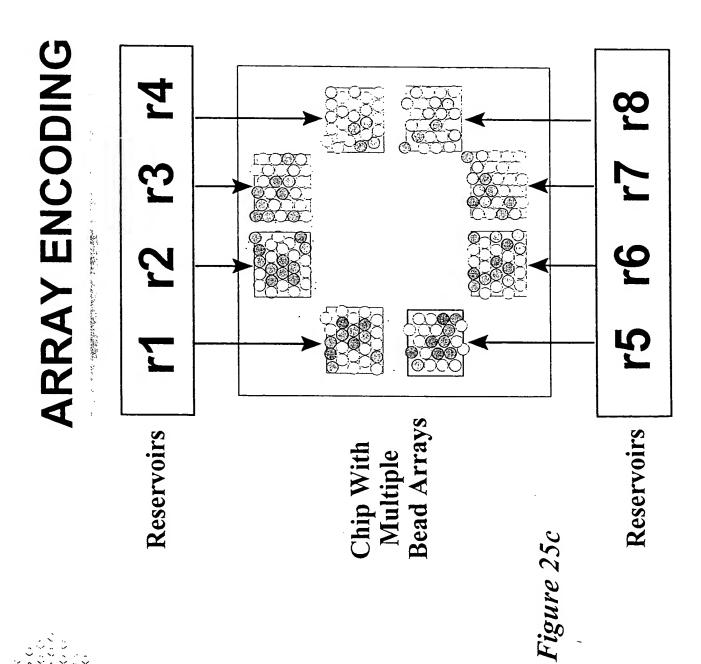


Figure 25b

Codes/Array



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SEQUENTIAL ASSEMBLY: "BANDING"

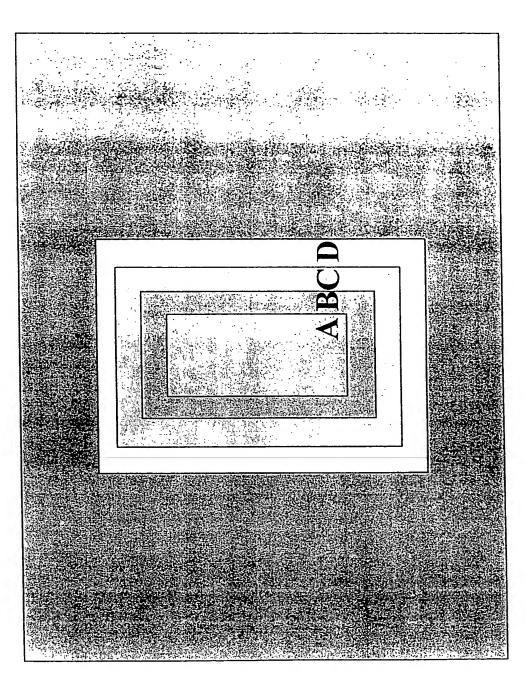
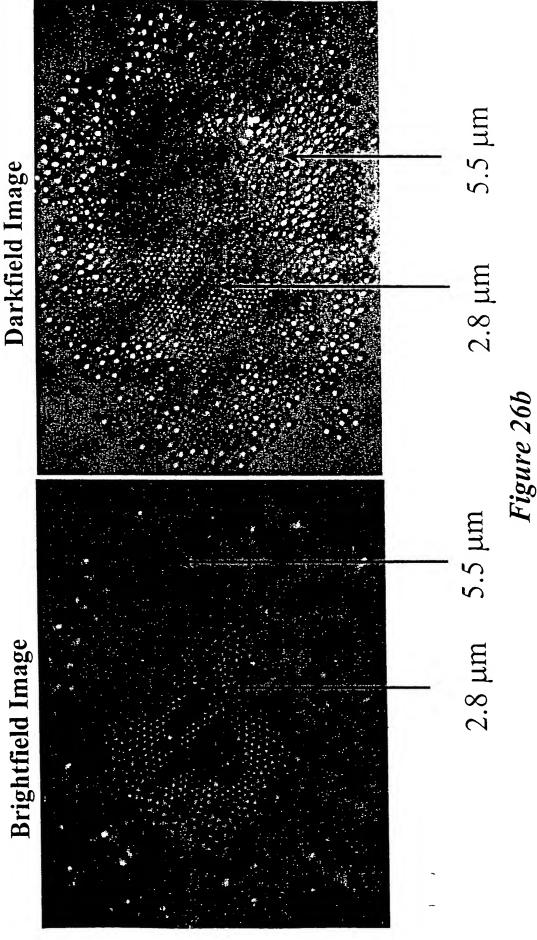


Figure 26a

SEQUENTIAL ASSEMBLY: "BANDING"

Mixture of Two Particle Types



LCD PARSE

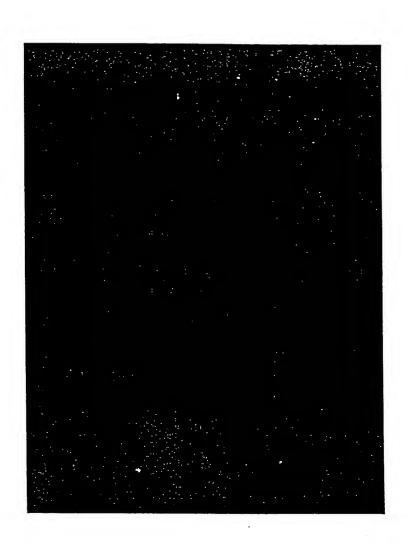


Figure 27

ARRAY OF RANDOM SUBARRAYS

A UNIQUE TWO-DIMENENSIONAL BAR CODE

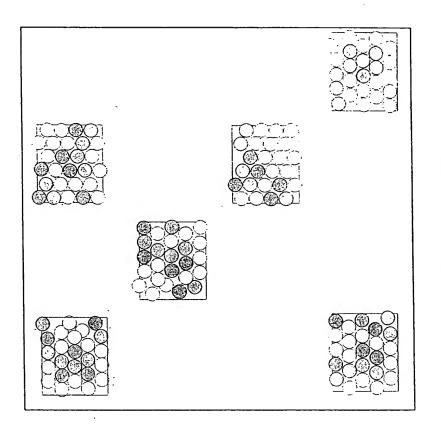


Figure 28



LIGHT-INDUCED FLUID FLOW

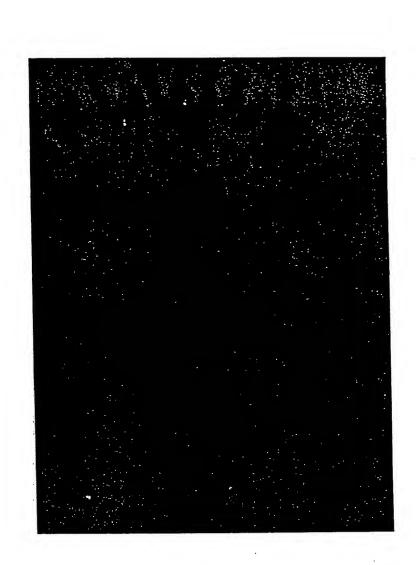


Figure 29